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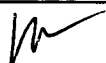
Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	08/873,597
				Filing Date	June 12, 1997
				First Named Inventor	KAYYEM et al.
				Group Art Unit	1645
				Examiner Name	J. Taylor Cleveland
Sheet	1	of	8	Attorney Docket Number	A-64558-1

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		Number	Kind Code ² (if known)			
✓	1	5,552,270		Khrapko et al.	09/1996	
	2	5,571,568		Ribi et al.	11/1996	
	3	5,741,700		Ershov et al.	04/1998	
	4	5,756,050		Ershov et al.	05/1998	
	5	5,770,721		Ershov et al.	06/1998	
	6	5,776,672		Hashimoto et al.	07/1998	
	7	5,837,859		Teoule et al.	11/1998	
	8	5,851,772		Mirzabekov et al.	12/1996	
	9	6,060,327		Keen	05/2000	
	10	6,203,758	B1	Marks et al.	03/2001	

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FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
✓	11	WO	86/05815		Genetics International Inc.	03/1985		
	12	WO	97/27329		The University of Chicago	07/1997		
	13	WO	98/27229		The University of Chicago	06/1998		
	14	WO	98/28444		The University of Chicago	07/1998		
	15	WO	98/35232		University of N. Carolina at Chapel Hill	08/1998		
	16	WO	98/57159		Clinical Micro Sensors	06/1997		
	17	WO	99/14596		AB Sangtec Medical	03/1999		
	18	WO	99/67425		Clinical Micro Sensors	12/1999		

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M	19	5,705,348		Meade et al.	01/1998	RECEIVED APR 15 2002 TECH CENTER 1600/2900
	20	5,770,369		Meade et al.	06/1998	
	21	5,780,234		Meade et al.	07/1998	
	22	5,824,473		Meade et al.	10/1998	
	23	5,952,172		Meade et al.	09/1999	

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M	24	WO	98/20162		Clinical Micro Sensors	05/1998		

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Attorney Docket Number	A-64558-1					
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
W	25	Aizawa et al., "Integrated Molecular Systems for Biosensors," Sensors and Actuators B, B@S (Nos 1/3) Part 1:1-5 (March 1995).	
W	26	Albers et al., "Design of Novel Molecular Wires for Realizing Long-Distance Electron Transfer," Biochemistry and Bioenergetics, 42:25-33 (1997).	
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W	28	Drobyshev, A. et al., "Sequence Analysis by Hybridization with Oligonucleotide Microchip: Identification of β -thalassemia Mutations," Gene, 188:45-52 (1997).	
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	35	Korri-Youssoufi et al., "Toward Bioelectronics: Specific DNA Recognition Based on an Oligonucleotide-Functionalized Polypyrrole," J. Am. Chem. Soc., 119(31):7388-7389 (1997).	
	36	Lincoln et al., "Shorting Circuiting the Molecular Wire," J. Am. Chem. Soc., 119(6):1454-1455 (1997).	
	37	Livshits, M. et al., "Theoretical Analysis of the Kinetics of DNA Hybridization with Gel-Immobilized Oligonucleotides," Biophysical Journal, 71:2795-2801 (1996).	
	38	Mirkin et al., "A DNA-based Method for Rationally Assembling Nonoparticles into Macroscopic Materials," Nature, 382:607-609 (1996).	
	39	Mirzabekov, A. et al., "Dna Sequencing by Hybridization - a Megasequencing Method and a Diagnostic Tool," Tibtech, 12:27-32 (1994).	
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				First Named Inventor	KAYYEM et al.
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				Examiner Name	J. Taylor Cleveland
Sheet	4	of	8	Attorney Docket Number	A-64558-1

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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M	41	Parinov, S., "DNA Sequencing by Hybridization to Microchip octa- and Decanucleotides Extended by Stacked Pentanucleotides," <i>Nucleic Acids Research</i> , 24(15):2998-3004 (1996).	
	42	Proudnikov, D. "Immobilization of DNA in Polyacrylamide Gel for the manufacture of DNA and DNA-Oligonucleotide Microchips," <i>Analytical Biochemistry</i> , 259:34-41 (1998).	
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	N	51	Yershov, G. et al., "DNA Analysis and Diagnostics on Oligonucleotide Microchips," <i>Proc. Natl. Acad. Sci. USA</i> , 93:4913-4918 (1996).

Examiner Signature	<i>u</i>	Date Considered	<i>4/13</i>
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		Number	Kind Code ² (if known)			
14	52	4,704,193		Bowers et al.	11/1987	
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	54	4,945,045		Forrest et al.	07/1990	
	55	5,089,112		Skothheim et al.	02/1992	
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	57	5,242,828		Bergstrom et al.	09/1993	
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	60	5,436,161		Bergstrom et al.	07/1995	
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1	62	WO	97/31256		Cornell Research Foundation Inc.	08/1997		
	63	WO	97/41425		Pence, Inc.	11/1997		
	64	WO	98/12539	A1	Meso Scale Technologies, LLC.	03/1998		
	65	WO	98/31839	A2	Presidents and Fellows of Harvard College	07/1998		
	66	WO	98/51823		Mosaic Technology	11/1998		
	67	WO	99/29711		Nanogen, Inc.	06/1999		
	68	WO	99/37819	A2	Clinical Micro Sensors	07/1999		
	69	WO	99/57317	A1	Clinical Micro Sensors	11/1999		
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/	71	5,632,957		Heller et al.	05/1997	
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	75	5,849,486		Heller et al.	12/1998	
	76	5,976,802		Ansorge et al.	11/1999	
	77	6,096,825		Garnier	08/2000	
	78	6,107,080		Lennox	08/2000	
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	82	6,071,699		Meade et al.	06/2000	
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	84	6,096,273		Kayyem et al.	08/2000	
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